

PATENT ABSTRACTS OF JAPAN

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(54) WORKPIECE INSPECTING DEVICE

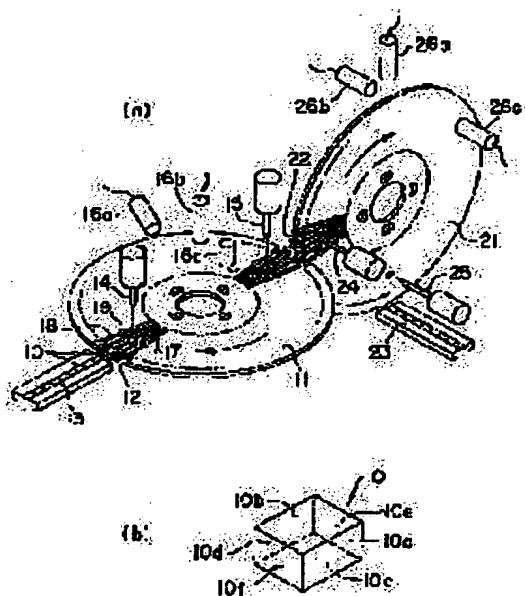
(57)Abstract:

PROBLEM TO BE SOLVED: To execute end face inspection of six faces of a hexahedral workpiece rapidly with accuracy by providing a first end face inspecting part for inspecting three faces of the workpiece outside of a first disc, providing a second end face inspecting part for inspecting remaining three faces of the workpiece outside of a second disc, and making a first recessed part and a second recessed part closable.

SOLUTION: A workpiece 10 of hexahedral shape is fed to a first recessed part 12 side of a first disc 11 from a feeder 13. A first opening/closing pin 14 is inserted in a first opening/closing hole 19 of the first disc 11. The workpiece 10 in the feeder 13 is then inserted in the first recessed part 12, and then the first opening/closing pin 14 is pulled out of the first opening/closing hole 19.

The first disc 11 is then rotated, and the appearance of three faces 10a, 10b, 10c out of six faces of the workpiece 10 are inspected by inspection cameras 16a, 16b, 16c. A second disc 21 is then rotated, and the

appearance of remaining three faces 10d, 10e, 10f of the workpiece 10 gripped into a second recessed part 22 of the second disc 21 are inspected by inspection cameras 26a, 26b, 26c.



LEGAL STATUS

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